

**SCDHEC OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT  
PERMIT APPLICATION PUBLIC NOTICE**

**September 2, 2005**

**Permit Number:** OCRM-05-927  
**Permit ID:** 53156

The SCDHEC Office of Ocean and Coastal Resource Management has received an application for a permit for the alteration of a critical area. This application was submitted pursuant to the Coastal Zone Management Act (Act 123) of the 1977 South Carolina General Assembly. The application, in brief, is described as follows:

**APPLICANT:** Santee Cooper  
C/o Christine Pope  
PO Box 2946101  
Moncks Corner SC 29461-2901

**LOCATION:** On and adjacent to Mackay & Skull Creeks at Bluffton Hilton Head Gas Turbine, Hilton Head Island, Beaufort County, South Carolina.  
TMS#:

**WORK:** The work as proposed consists of a new single circuit 115kV transmission line crossing MacKay's Creek and Skull Creek in the Southeasterly part of Beaufort County, South Carolina. The transmission line will consist of the addition of a second circuit to the existing structures of the Bluffton-Market Place 115kV line. The line is being built on existing Santee Cooper's transmission line right-of-way with new aerial crossing over Skull Creek only. The construction of the new 115kV circuit is to make provisions for transmission from Bluffton Substation to Hilton Head Substation and tying in at the Hilton Head Gas Turbine.

This public notice is being distributed to all known interested persons and agencies to assist in developing facts on which a decision by OCRM can be based. Comments concerning the proposed work should be submitted in writing, setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

The decision to issue or deny a permit will be based on the individual merits of the application, the policies specified in the South Carolina Coastal Zone Management Act, and the considerations outlined in the State of South Carolina Coastal Zone Management Program. Interested parties who wish to be notified of final permit action must notify OCRM in writing of this request.

*To assure review by OCRM, comments regarding this application must be received by OCRM on or before October 2, 2005.*

**PLEASE REPLY TO:**  
SCDHEC OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT  
104 Parker Drive  
Beaufort, South Carolina 29906

**Please refer to P/N# OCRM-05-927**

  
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C. W. "Rocky" Browder, III, Regional Permit Administrator

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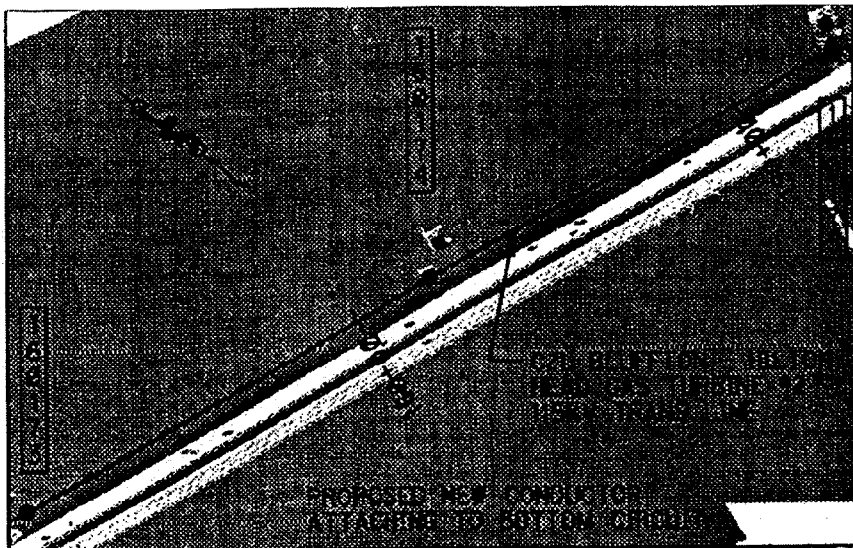
CONDUCTORS:  
795 KCMIL 26/7  
SAG AT 200°F.  
SHIELD WIRE:  
36 FIBER OPGW  
AT 60°F FINAL SAG

C/L CHANNEL - STA. 190+01.95  
N = 144,259.84  
E = 2,065,540.56  
LAT. 32°13'46.566"  
LONG. 80°47'17.098"

--- EXISTING TOP CONDUCTOR  
— PROPOSED NEW CONDUCTOR

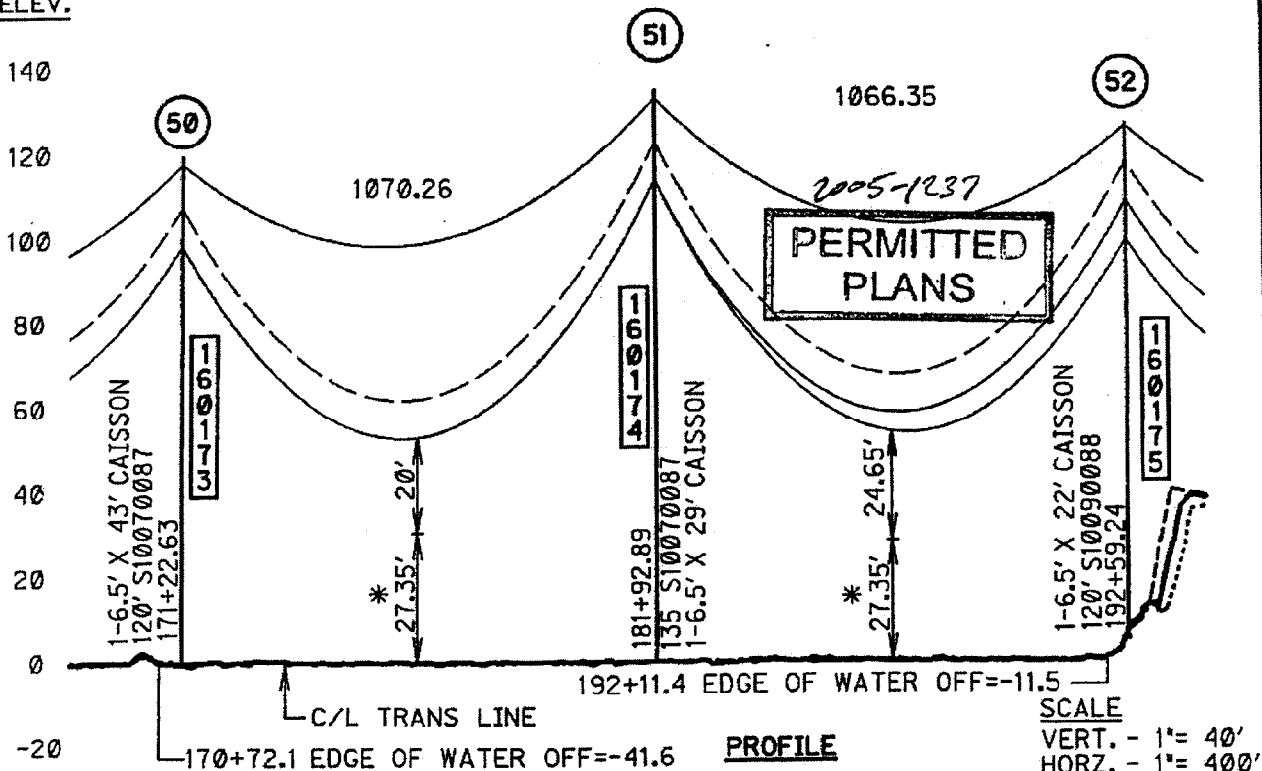
\* POWER LINE CROSSING IS 84' FROM  
THE US 278 BRIDGE. ELEV. 27.35' BOTTOM  
CONCRETE GIRDER OF THE BRIDGE.

MEAN HIGH WATER MARK = 3.10'  
MAX HIGH WATER MARK = 10.38'



PLAN

ELEV.



PROFILE

<div style="display: flex; justify-content: space-between;"> <div> <p>OCRM-05-927</p> <p>REV DATE DESCRIPTION AUTH. NO. BY DES. ENG. DES. SUPV.</p> </div> <div> <p><b>BLUFFTON - HILTON HEAD GAS TURBINE #2</b> <b>115KV TRANSMISSION LINE</b></p> <p>PROPOSED OVERHEAD WIRE CROSSING OF MACKAY'S CREEK BEAUFORT COUNTY</p> <p>DESIGN SUPERVISOR <i>Jim Lennix</i> 7-13-05</p> <p>DES. ENG. POPE CHECKED <i>CTPOPE</i> DATE 7/13/05</p> <p>DRAFTER HUNTER CHECKED AUTH. NO. 106124</p> <p>SCALE AS NOTED FILENAME +d/6053/60535103.dgn</p> <p>SHT. 1 OF 9 DWG. NO. 6053-A02-5103</p> </div> </div>											
						<p>Santee Cooper One Riverwood Drive P.O. Box 2946101 Moncks Corner, South Carolina 29461-2901 (843) 761-8000</p>					
						<p><b>Santee Cooper</b> Public Power Owned by the People of South Carolina</p>					
						<p>115KV TRANSMISSION LINE</p>					

ELEV.

160

140

120

100

80

60

40

20

0

-20

## PLAN

C/L CHANNEL - STA. 215+79.77  
N = 142,381.18  
E = 2,067,266.88  
LAT. 32°13'27.943"  
LONG. 80°46'57.050"

\* POWER LINE CROSSING IS 207' FROM THE US 278 BRIDGE, ELEV. 67.85' BOTTOM CONCRETE GIRDER OF THE BRIDGE.

MEAN HIGH WATER MARK = 3.10'  
MAX HIGH WATER MARK = 10.38'

2005-1237


PERMITTED  
PLANS

CONDUCTORS:  
1272 KCMIL 45/7  
SAG AT 200°F.  
SHIELD WIRE:  
36 FIBER OPGW  
AT 60°F FINAL SAG

SCALE

VERT. - 1" = 40'  
HORIZ. - 1" = 400'

## PROFILE

				BLUFFTON - HILTON HEAD GAS TURBINE #2 115KV TRANSMISSION LINE							
				PROPOSED OVERHEAD WIRE CROSSING OF SKULL CREEK BEAUFORT COUNTY							
OCRM-05-927				DESIGN ENGINEERING 7-13-05							
REV	DATE	DESCRIPTION	AUTH. NO.	BY	DES. ENG.	DES. SUPV.	DESIGN SUPERVISOR				
							Jeri Lerner for WKT				
Santee Cooper One Riverwood Drive P.O. Box 294610 Moncks Corner, South Carolina 29461-2901 (843) 761-8000				 <b>Santee Cooper</b> <small>Public Power Served by the People of South Carolina</small>		DES. ENG.	POPE	CHECKED	CTPOPE	DATE	7/13/05
						DRAFTER	HUNTER	CHECKED		AUTH. NO.	106124
						SCALE	AS NOTED	FILENAME	+d/6053/60535103.dgn		
						SHT.	2 OF 9	DWG. NO.	6053-A02-5103		




2005-1257

**NOTE:**

SEE DWG NO. 6053-A02-5103  
FOR SHEET INFORMATION

○ - INDICATES SHEET NUMBER

						<b>BLUFFTON - HILTON HEAD GAS TURBINE #2 115kV TRANSMISSION LINE</b>			
						VICINITY MAP OF PROPOSED OVERHEAD WIRE CROSSING OF MACKAY'S CREEK & SKULL CREEK BEAUFORT COUNTY			
OCPM-05-927						DESIGN ENGINEERING 7-13-05			
REV	DATE	DESCRIPTION	AUTH. NO.	BY	DES. ENG.	DES. SUPV.	DESIGN SUPERVISOR <i>Jim Larcie / M WRT</i>		
Santee Cooper One Riverwood Drive P.O. Box 2946101 Moncks Corner, South Carolina 29461-2901 (843) 761-8000			 <b>Santee Cooper</b> <small>Public Power Owned by the People of South Carolina</small>		DES.ENG.	POPE	CHECKED <i>CT POPE</i> DATE 7/13/05		
DRAFTER					HUNTER	CHECKED	AUTH.NO. 106124		
SCALE					AS NOTED	FILENAME	+d/6053/60535103.dgn		
SHT.					3	OF	9		
					DWG.NO.		6053-A02-5103		

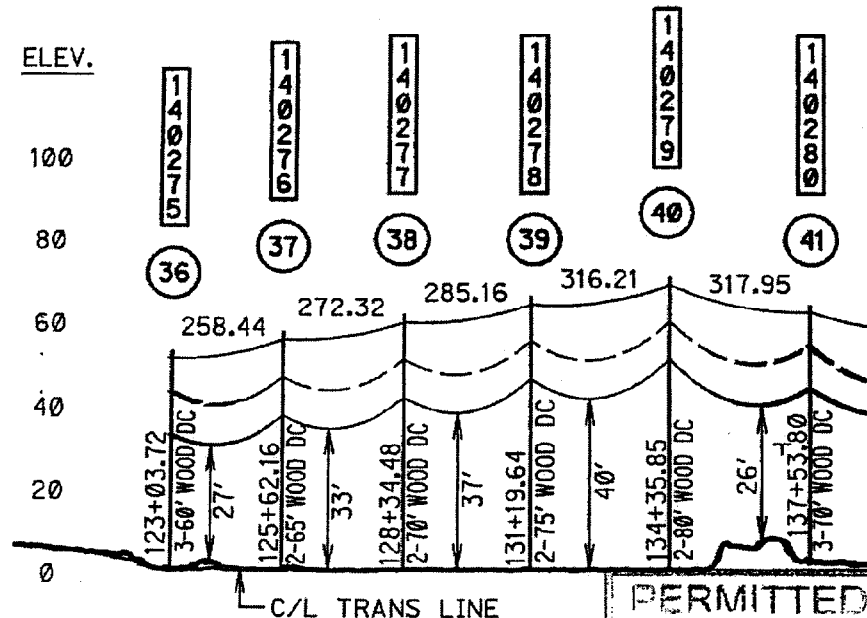


PLAN

--- EXISTING TOP CONDUCTOR  
 — PROPOSED NEW CONDUCTOR


MEAN HIGH WATER MARK = 3.10'  
 MAX HIGH WATER MARK = 10.38'

CONDUCTORS:  
 795 KCMIL 26/7  
 SAG AT 200°F.  
 SHIELD WIRE:  
 36 FIBER OPGW  
 AT 60°F FINAL SAG



PERMITTED  
 PLANS

2005-1227  
 SCALE  
 VERT. - 1" = 40'  
 HORZ. - 1" = 400'

<div style="display: flex; justify-content: space-between;"> <div> <p>OCRM-05-927</p> <p>REV DATE DESCRIPTION AUTH. NO. BY DES. ENG. DES. SUPV.</p> </div> <div> <p><b>BLUFFTON - HILTON HEAD GAS TURBINE #2 115kV TRANSMISSION LINE</b></p> <p>PROPOSED OVERHEAD WIRE CROSSING LOCATED IN MARSH AREAS</p> <p>DESIGN ENGINEERING 7-13-05 DESIGN SUPERVISOR <i>Jim Lenciu for WKT</i></p> </div> </div>										
						DES. ENG. POPE		CHECKED CT POPE		DATE 7/13/05
						DRAFTER HUNTER		CHECKED		AUTH. NO. 106124
Santee Cooper One Riverwood Drive P.O. Box 2946101 Moncks Corner, South Carolina 29461-2901 (843) 761-8000			 <p><b>Santee Cooper</b>          Public Power          Owned by the People          of South Carolina</p>		SCALE AS NOTED FILENAME t-d/6053/60535103.dgn SH. 4 OF 9 DWG. NO. 6053-A02-5103					

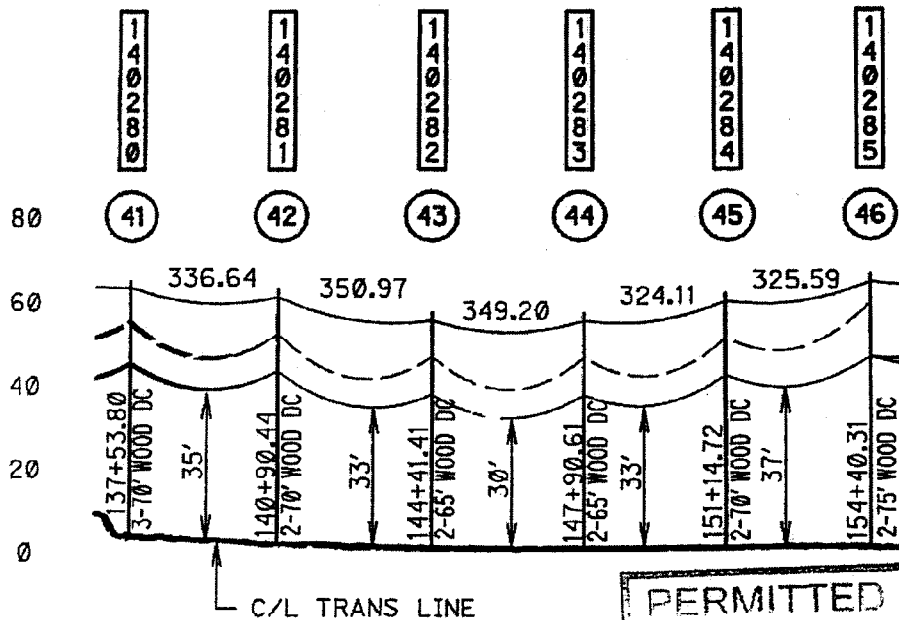


# PLAN

--- EXISTING TOP CONDUCTOR  
 — PROPOSED NEW CONDUCTOR

MEAN HIGH WATER MARK = 3.10'  
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CONDUCTORS:  
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 SAG AT 200°F.  
 SHIELD WIRE:  
 36 FIBER OPGW  
 AT 60°F FINAL SAG



# PROFILE

PERMITTED  
 PLANS

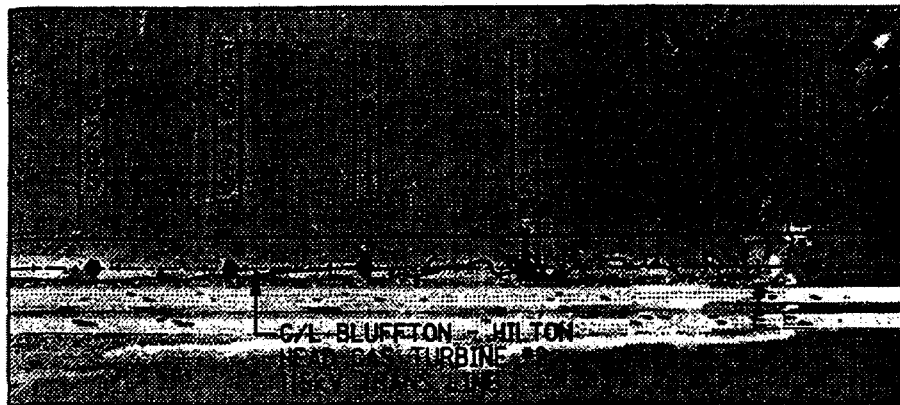
2005-1237

SCALE  
 VERT. - 1" = 40'  
 HORZ. - 1" = 400'

					BLUFFTON - HILTON HEAD GAS TURBINE #2 115KV TRANSMISSION LINE	
					PROPOSED OVERHEAD WIRE CROSSING LOCATED IN MARSH AREAS	
					DESIGN ENGINEERING 7-13-05	
					DESIGN SUPERVISOR <i>Jamie Lancelotti for WKJ</i>	
					DES. ENG. POPE	CHECKED <i>CTPOPE</i> DATE 7/13/05
					DRAFTER HUNTER	CHECKED AUTH. NO. 106124
					SCALE AS NOTED	FILENAME +d/6053/60535103.dgn
					SHT. 5 OF 9	DWG. NO. 6053-A02-5103
Santee Cooper One Riverwood Drive P.O. Box 2946101 Moncks Corner, South Carolina 29461-2901 (843) 761-8000			<p><b>Santee Cooper</b>          Public Power          Owned by the People          of South Carolina</p>			

OCRM-05-927

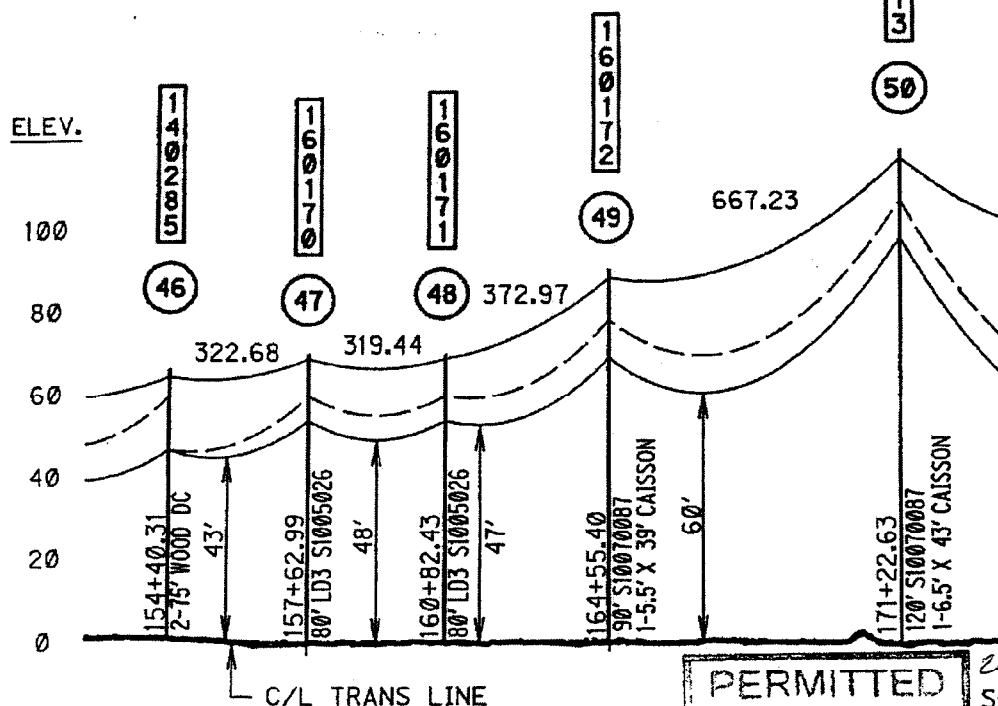
REV	DATE	DESCRIPTION	AUTH. NO.	BY	DES. ENG.	DES. SUPV.



### PLAN

CONDUCTORS:  
795 KCMIL 26/7  
SAG AT 200°F.  
SHIELD WIRE:  
36 FIBER OPGW  
AT 60°F FINAL SAG


--- EXISTING TOP CONDUCTOR  
— PROPOSED NEW CONDUCTOR  
MEAN HIGH WATER MARK = 3.10'  
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### PROFILE

PERMITTED  
PLANS

2005-1257  
SCALE  
VERT. - 1" = 40'  
HORZ. - 1" = 400'

						BLUFFTON - HILTON HEAD GAS TURBINE #2 115KV TRANSMISSION LINE	
						PROPOSED OVERHEAD WIRE CROSSING LOCATED IN MARSH AREAS	
OCRM-05-927						DESIGN ENGINEERING 7-13-05	
REV	DATE	DESCRIPTION	AUTH. NO.	BY	DES. ENG.	DES. SUPV.	DESIGN SUPERVISOR
							Joni Lennie for WKJ
Santee Cooper One Riverwood Drive P.O. Box 2946101 Moncks Corner, South Carolina 29461-2901 (843) 761-8000						DES. ENG. POPE DRAFTER HUNTER SCALE AS NOTED SHT. 6 OF 9	
 <b>Santee Cooper</b> Public Power Owned by the People of South Carolina						CHECKED CPOPE AUTH. NO. 106124 FILENAME +d/6053/60535103.dgn DWG. NO. 6053-A02-5103	

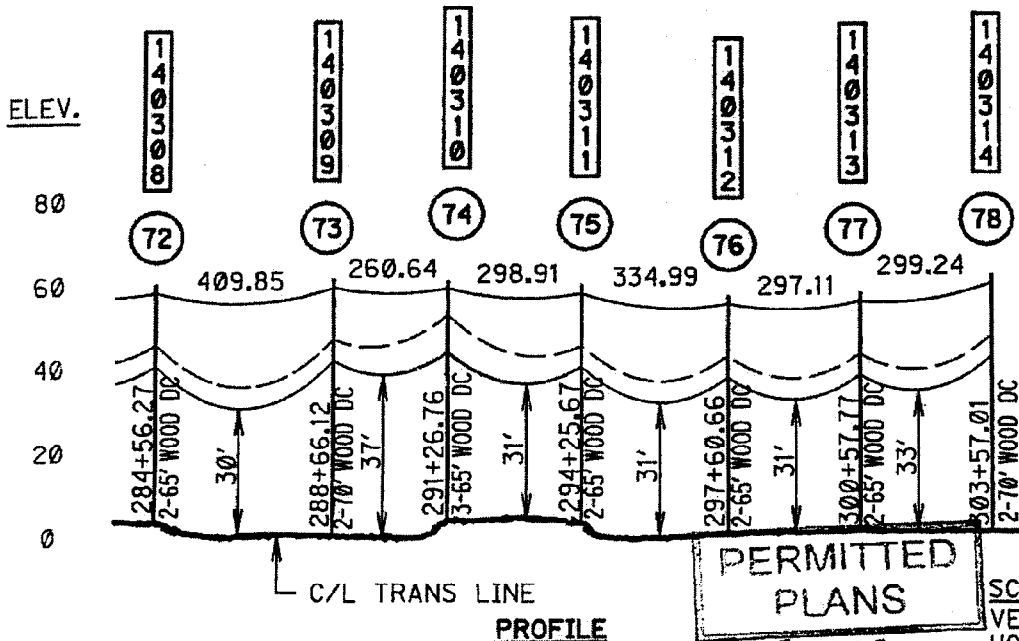


# PLAN

--- EXISTING TOP CONDUCTOR  
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MEAN HIGH WATER MARK = 3.10'  
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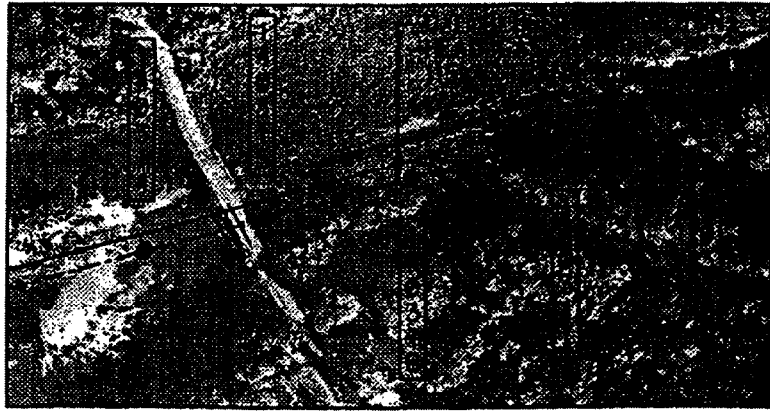
CONDUCTORS:  
 795 KCMIL 26/7  
 SAG AT 200°F.  
 SHIELD WIRE:  
 36 FIBER OPGW  
 AT 60°F FINAL SAG



SCALE  
 VERT. - 1" = 40'  
 HORZ. - 1" = 400'

						BLUFFTON - HILTON HEAD GAS TURBINE #2 115kV TRANSMISSION LINE	
						PROPOSED OVERHEAD WIRE CROSSING LOCATED IN MARSH AREAS	
OCRM-05-427						DESIGN ENGINEERING 7-13-05	
REV	DATE	DESCRIPTION	AUTH. NO.	BY	DES. ENG.	DES. SUPV.	DESIGN SUPERVISOR
							POPE
							CHECKED POPE
							DATE 7/13/05
Santee Cooper One Riverwood Drive P.O. Box 2946101 Moncks Corner, South Carolina 29461-2901 (843) 761-8000					DRAFTER HUNTER SCALE AS NOTED SHT. 7 OF 9		AUTH. NO. 106124 FILENAME +d/6053/60535103.dgn DWG. NO. 6053-A02-5103



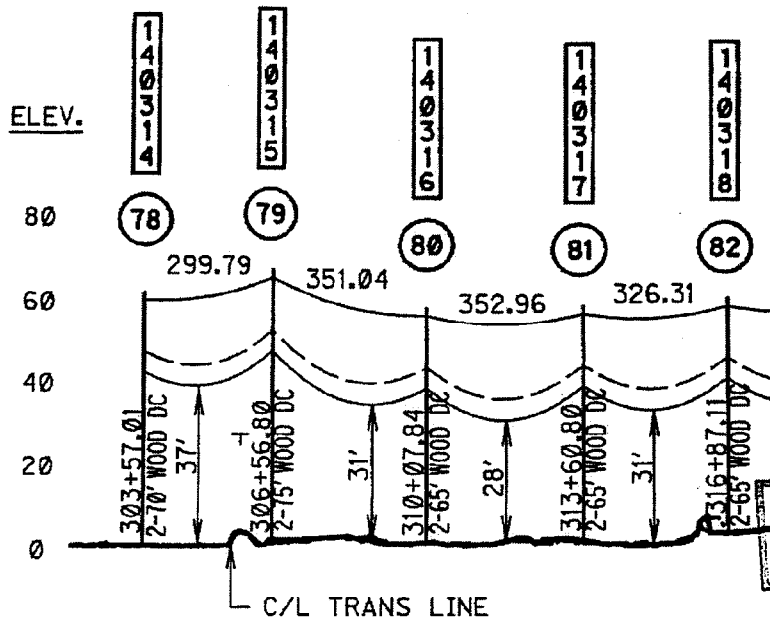


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2005-1237  
**PERMITTED  
 PLANS**

# PROFILE

SCALE  
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 HORZ. - 1" = 400'

						<b>BLUFFTON - HILTON HEAD GAS TURBINE #2 115KV TRANSMISSION LINE</b>	
						PROPOSED OVERHEAD WIRE CROSSING LOCATED IN MARSH AREAS	
OCRM-05-927						DESIGN ENGINEERING 7-13-05	
REV	DATE	DESCRIPTION	AUTH. NO.	BY	DES. ENG.	DES. SLIPV.	DESIGN SUPERVISOR <i>John L. Jones for WKJ</i>
Santee Cooper One Riverwood Drive P.O. Box 2946101 Moncks Corner, South Carolina 29461-2901 (843) 761-8000						DES. ENG. POPE CHECKED <i>CTPOPE</i> DATE 7/13/05	
 <p><b>Santee Cooper</b> Public Power Owned by the People of South Carolina</p>						DRAFTER HUNTER	CHECKED AUTH. NO. 106124
						SCALE AS NOTED	FILENAME td/6053/60535103.dgn
						SHT. 8 OF 9	DWG. NO. 6053-A02-5103

